

POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

## Summary Memorandum

Site ID: WA ~~D980511760~~  
**D98063144**  
County: Skagit  
Priority Assessment: Medium  
Backlog Red. Cat.:  
Date/Revised: 11/27/84

## Name and Location:

Skagit Co. - March Point Landfill  
N. of Hwy 20 - March Point  
Anacortes, WA 98221

Contact: Jay Andrews  
Telephone: (206) 336-9400  
Site Status: ☐ Active ☒ Inactive ☐ Unknown

## Site Description/TSD Activities:

Site is an old landfill located in tidelands owned by the WA Dept. of Natural Resources. Used since the 1950's as a public dump, it was operated by Skagit Co. Public Works from 1961-1973 when it was closed and covered. It has revegetated naturally. Leachate is surfacing, particularly on the eastern boundary.

## Waste Types/Quantities/Characteristics:

Unknown what waste types or quantities other than municipal wastes. Four major chemical industries are located on March Point, W and N of the site and have been in business as long as the fill has been there. Texaco is known to have dumped unknown substances at this landfill.

## Physical/Social Environment:

Site is located in a rural area with industrial development to the N and W. The landfill is in the tidelands at the bottom of a bluff. The Swinomish Indian Reservation is to the south, across Hwy. 20.

## Pollutant Mobilization/Pathways/Risk:

Greatest risk is through groundwater and surface water contamination. Site is in the tidelands and there is tidal incursion into the bottom of the fill. Leachate can be seen surfacing on the eastern boundary. Ground water probably flows to the Sound.

## Priority Assessment/Backlog Reduction Category:

Medium: There is a highly suspected problem due to the proximity of the industries and the time period of unregulated dumping.

## Followup Recommendations:

Run priority pollutant scan on surfacing leachate. Based on the outcome of this analysis, further sampling, installation of wells, and monitoring may be needed to determine potential contaminant migration. Historical data on industrial activities and waste dumping practices should be obtained from industries operating on March Point.

USEPA SF



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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT Part 1 - Site Information and Assessment						I. IDENTIFICATION	
						01 State WA	02 Site Number <del>D980511760</del> <b>D980638944</b>
<b>II. SITE NAME AND LOCATION</b>							
01 Site Name (legal, common, or descriptive name of site) <b>Skagit Co. March Pt. Ldfl.</b>				02 Street, Route No., or Specific Location Identifier <b>Old Highway 20, March Point</b>			
03 City <b>Anacortes</b>				04 State WA	05 Zip Code 98221	06 County Skagit	07 County Code 057
09 Coordinates Latitude Longitude				08 Cong Dist 02			
				Section/Township/Range <b>NE1/4, Sec. 3, T34N, R2E, WM</b>			
10 Directions to Site (starting from nearest public road)  Site located north of Hwy. 20 and 500 feet east of March Pt. Road							
<b>III. RESPONSIBLE PARTIES</b>							
01 Owner (if known) <b>Wa Dept of Natural Resources</b>				02 Street (business, mailing, residential)			
03 City <b>Olympia</b>				04 State WA	05 Zip Code 98504	06 Telephone Number ( 206 ) 7535327	
07 Operator (if known and different from owner) <b>Skagit County Public Wrks</b>				08 Street (business, mailing, residential) <b>2nd and Kincaid Sts.</b>			
09 City <b>Mt. Vernon</b>				10 State WA	11 Zip Code 98273	12 Telephone Number ( 206 ) 3369400	
13 Type of Ownership (check one) <input type="checkbox"/> A. Private <input type="checkbox"/> B. Federal <input checked="" type="checkbox"/> C. State <input type="checkbox"/> D. County <input type="checkbox"/> E. Municipal <input type="checkbox"/> F. Other: <input type="checkbox"/> G. Unknown							
14 Owner/Operator Notification on File (check all that apply) <input type="checkbox"/> A. RCRA 3001, Date Rec'd:    /    / <input checked="" type="checkbox"/> B. Uncontrolled Waste Site (CERCLA 103c), Date Rec'd 06 / 11 / 81 <input type="checkbox"/> C. None							
<b>IV. CHARACTERIZATION OF POTENTIAL HAZARD</b>							
01 On Site Inspection <input checked="" type="checkbox"/> Yes, Date: 60 / -- / 84 <input type="checkbox"/> No				By (check all that apply): <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA Contractor <input checked="" type="checkbox"/> C. State <input type="checkbox"/> D. Other Contractor <input type="checkbox"/> E. Local Health Official <input checked="" type="checkbox"/> F. Other: Co Public Wrks Contractors Name(s):			
02 Site Status (check one) <input type="checkbox"/> A. Active <input checked="" type="checkbox"/> B. Inactive <input type="checkbox"/> C. Unknown				03 Years of Operation beginning year    ending year 50's    1973 <input type="checkbox"/> Unknown			
04 Description of Substances Possibly Present, Known, or Alleged  Unknown substances at this county landfill. It served the western portion of Skagit County and 4 industries are on March Point directly adjacent to it during the time it operated. These industries include 2 refineries, a refinery waste recycler, and a sulfuric acid plant.							
05 Description of Potential Hazard to Environment and/or Population  Site is located in the tidelands with groundwater and tidal incursion into the old fill. Groundwater and surface water contamination by unknown contaminants is likely. Leachate is still surfacing on the eastern boundary of the site. Site is covered and revegetated. Main risk is to Padilla Bay and possible drinking water contamination.							
<b>V. PRIORITY ASSESSMENT</b>							
01 Priority for Inspection (check one; if high or medium is checked, complete Part 2 and Part 3) <input type="checkbox"/> A. High (inspection required promptly) <input checked="" type="checkbox"/> B. Medium (inspection required) <input type="checkbox"/> C. Low (inspect on time available basis) <input type="checkbox"/> D. None (no further action needed complete current disposition form)							
<b>VI. INFORMATION AVAILABLE FROM</b>							
01 Contact <b>Ned Therien</b>		02 Of (agency/organization) <b>WDOE</b>			03 Telephone Number ( 206 ) 4596352		
04 Person Responsible for Assessment <b>Barbara Morson</b>		05 Agency N/A	06 Organization JRB Associates	07 Telephone Number ( 206 ) 7477899	08 Date 11 / 27 / 84		







**POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT**  
Part 3 - Description of Hazardous Conditions & Incidents

**I. IDENTIFICATION**

01 State	02 Site Number
WA	<del>D980511760</del> <b>D980638944</b>

**II. HAZARDOUS CONDITIONS AND INCIDENTS**

01 (X) A. Groundwater Contamination      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Population Potentially Affected: > 10,000      04 Narrative Description  
Leachate is surfacing along the eastern boundary of fill. Unknown if hazardous substances are contained in it. It is likely that groundwater is contaminated with leachate. Groundwater is < 10 ft. from water surface in glacial outwash.

01 (X) B. Surface Water Contamination      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Population Potentially Affected: 0      04 Narrative Description  
Leachate is surfacing on the eastern boundary of fill. Site is in the tideflats adjacent to Padilla Bay. A small stream runs along the southwest side of the landfill. Surface water contamination is likely because the bottom of the fill has tidal incursion and excursion through it.

01 (X) C. Contamination of Air      02 ( ) Observed (Date: )      ( ) Potential      ( ) Alleged

03 Population Potentially Affected: 0      04 Narrative Description  
None reported or suspected. About 200 residents within one mile.

01 (X) D. Fire/Explosive Conditions      02 ( ) Observed (Date: )      ( ) Potential      ( ) Alleged

03 Population Potentially Affected: 0      04 Narrative Description  
No known certified fire/explosion threat.

01 (X) E. Direct Contact      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Population Potentially Affected: 200      04 Narrative Description  
Site is now covered and revegetated. There is access to surfacing leachate along the railroad tracks on the eastern boundary of the site. Unknown whether leachate contains any hazardous substances.

01 (X) F. Contamination of Soil      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Area Potentially Affected (acres): 20      04 Narrative Description  
Site at bottom of bluff and presumably on exposed glacial outwash of permeable sands and gravels in tidelands of Padilla Bay. Dikes were built on the seaward side. Leachate problems indicate high potential for soil contamination. Unknown if leachate contains hazardous substances.

01 (X) G. Drinking Water Contamination      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Population Potentially Affected: > 10,000      04 Narrative Description  
None reported. Nearest well is USGS well 2,500 ft south and upgradient. Two Skagit County PUD secondary wells are within a mile west and upgradient of the site.

01 (X) H. Worker Exposure/Injury      02 ( ) Observed (Date: )      ( ) Potential      ( ) Alleged

03 Workers Potentially Affected: 0      04 Narrative Description  
None reported or suspected. Site was operated by the County for 10 yrs. Before that time, it was a nonconforming public dump. Few, if any, workers were involved during active life of county operation.

01 (X) I. Population Exposure/Injury      02 ( ) Observed (Date: )      (X) Potential      ( ) Alleged

03 Population Potentially Affected: > 10,000      04 Narrative Description  
Main routes are through direct contact with leachate and some low probability of drinking water contamination.



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Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State

02 Site Number

WA

9980511760

D980638944

II. HAZARDOUS CONDITIONS AND INCIDENTS (continued)

01 (X) J. Damage to Flora

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 (X) K. Damage to Fauna

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description (include name[s] of species)

None reported. Padilla Bay is used for recreational and commercial fishing and is a National Estuary Reserve.

01 (X) L. Contamination of Food Chain

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 (X) M. Unstable Containment of Wastes

02 ( ) Observed (Date: )

(X) Potential

( ) Alleged

(spills/runoff/standing liquids/leaking drums)

03 Population Potentially Affected: >10,000

04 Narrative Description

Surfacing leachate indicates inadequate containment of waste materials. Unknown whether any wastes dumped were hazardous.

01 (X) N. Damage to Offsite Property

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

None reported or suspected.

01 (X) O. Contamination of Sewers,  
Storm Drains, WWTPs

02 ( ) Observed (Date: )

( ) Potential

( ) Alleged

04 Narrative Description

No sewers in the area.

01 (X) P. Illegal/Unauthorized Dumping

02 (X) Observed (Date: 1950s )

( ) Potential

( ) Alleged

04 Narrative Description

Site was a nonconforming, unregulated public dump prior to the county's involvement from 1961-1971.

05 Description of Any Other Known, Potential, or Alleged Hazards

None known. Texaco, in a 103(c) notification calls this their "Off-site No. 2", but it is unknown what substances were dumped in the landfill by Texaco.

III. TOTAL POPULATION POTENTIALLY AFFECTED: >10,000

IV. COMMENTS

Shell and Texaco refineries, Allied Chemical sulfuric acid plant and Northwest Petro-Chemical are west and north of this site and have operated for 30-40 years at their locations. It is considered highly likely that they took wastes to this fill, as it was the largest and nearest county dump when it operated.

V. SOURCES OF INFORMATION (cite specific references: state files, reports, etc.)

Pers. comm., J. Glynn, WDOE, 10/12/84; EPA/ERRIS Files; WDOE well logs; Pers. comm., J. Andrews, Skagit County Public Works Dept., 10/12/84; Texaco's 103(c) Notification (6/11/81); DSHS Computer Files; USGS Anacortes South Quad, 1978; 1980 Federal Census

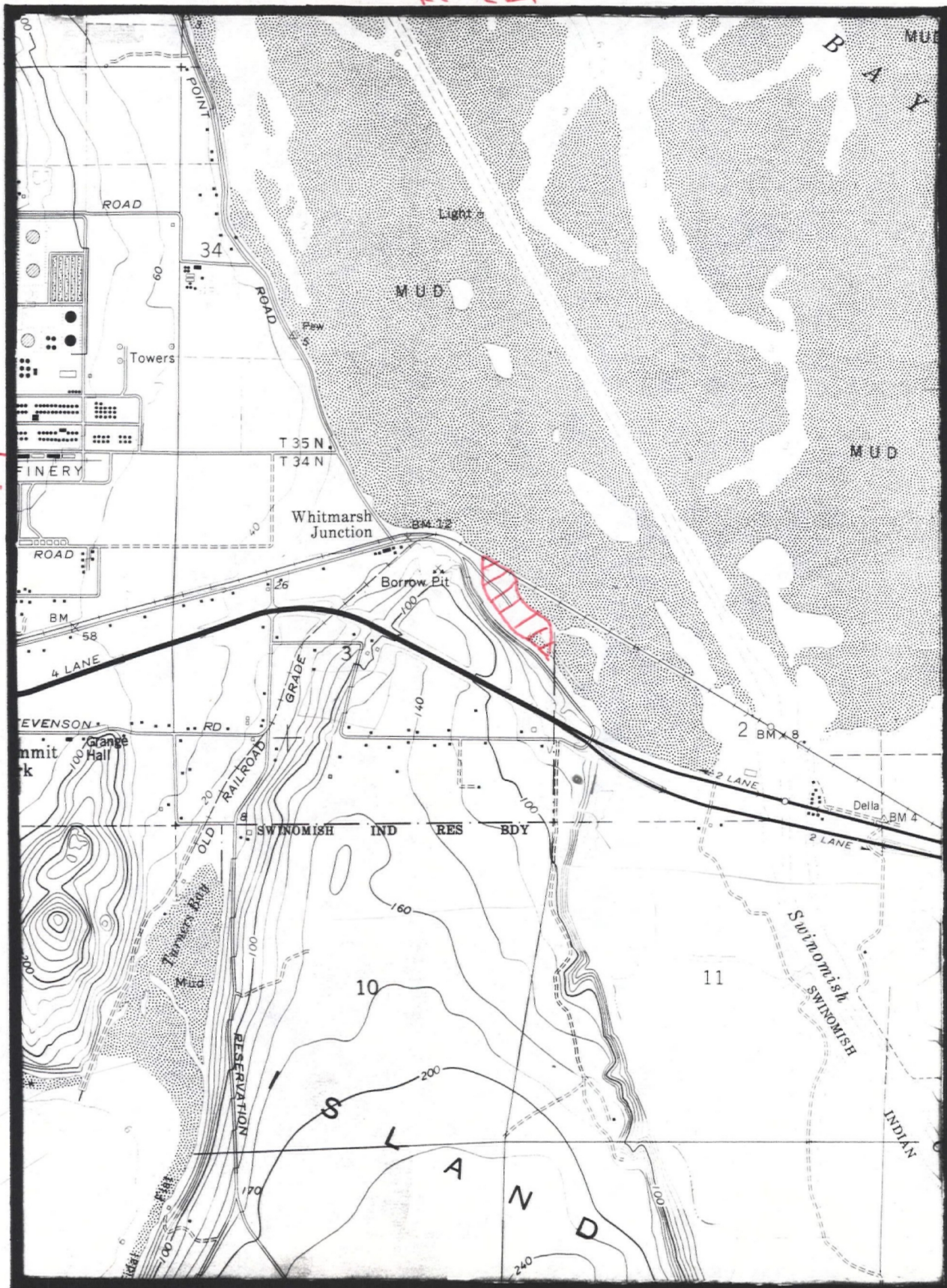


# Anacortes South 7.5' Quadrangle (1978)

R. 2E

T. 35N

T. 34N



1-4505

Whitmarsh (Texaco Offerte #2) Landfill